

CLAIMS:

1. A multi-layer liner (10) for use with a container closure, comprising a flexible inert seal layer (40) adapted to seal the liner against an associated container, a flexible barrier layer (30) for preventing molecules passing through the liner (10), and a flexible wadding layer (20), wherein the flexible inert seal layer (40) and flexible wadding layer (20) lie either side of the flexible barrier layer (30) and provide protection thereto.
2. A liner (10) according to claim 1, wherein the flexible wadding layer (20) is adhered to the barrier layer (30) by means of a layer of adhesive.
3. A liner (10) according to claim 1, wherein the flexible wadding layer (20) is co-extruded onto the barrier layer (30) in at least two layers such that the layer furthest from the flexible barrier layer (30) comprises a slip additive and the layer nearest to the flexible barrier layer (30) comprises no slip additive.
4. A liner (10) according to any preceding claim, wherein a sacrificial cover layer (50) is provided either adjacent the lower surface of the flexible inert seal layer 40 or the upper surface of the flexible wadding layer 20, for preventing cross-contamination between the flexible wadding layer (20) and the flexible inert seal layer (40).

5. A liner (10) according to any preceding claim wherein the barrier layer (30) is aluminium.
6. A liner (10) according to any preceding claim wherein the barrier layer (30) is a metallised layer with a thickness less than 6 μm .
7. A liner (10) according to any preceding claim, wherein the barrier layer (30) is a foil layer with a thickness in the range 6 to 20 μm .
8. A liner (10) according to any preceding claim, wherein the flexible inert seal layer (40) is formed from a thermoplastic polyolefin.
9. A liner (10) according to any of claims 3 to 8, wherein the slip additive is an erucamide.
10. A closure (60) incorporating a liner (10) according to any preceding claim.